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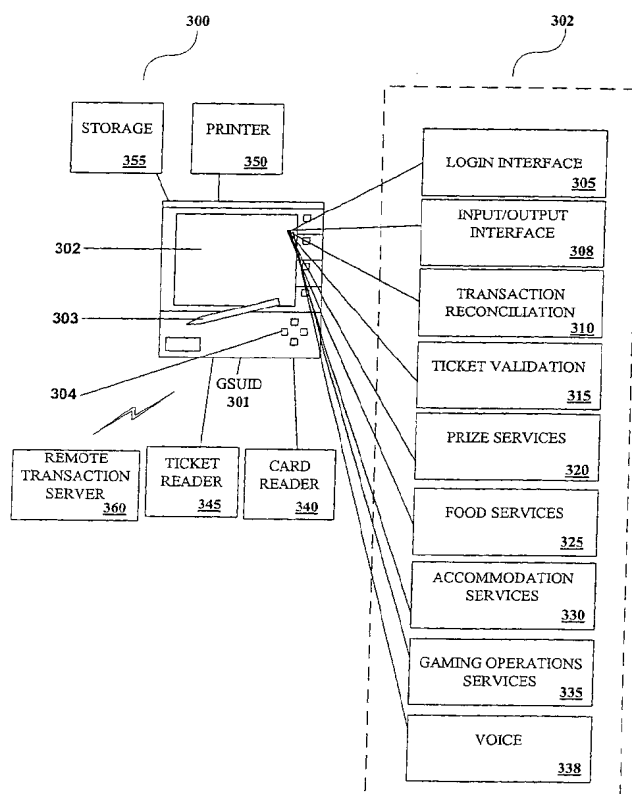
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[Continued on next page]

(54) Title: WIRELESS GAMING ENVIRONMENT



(57) Abstract: A disclosed hand-held device provides a game service system having a wire-less communication interface, a display screen and a microprocessor which generates a number of game service interfaces on the display screen. The hand-held device may input ticket voucher information and communicate with a remote transaction server such that a ticket voucher may be validated. Additionally, the hand-held device may be used to provide a variety of gaming services using different game service interfaces provided on the device. These hand-held devices may be checked out by a game service representative in a secure manner such that the game service representative may roam a game playing area and provide various game services to game players in the game playing area using the hand-held device. These game services may include ticket validation, a prize validation, food services, accommodation services or a gaming operations services.

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**Published:**

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

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16 May 2002

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 01/11134

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A63F13/12

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A63F G07F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 618 045 A (KAGAN MICHAEL ET AL) 8 April 1997 (1997-04-08) column 3, line 40 - line 53 figures 1,2	1,5
X	DE 195 02 613 A (EIBA PETER) 1 August 1996 (1996-08-01) column 2, line 23 -column 4, line 18 figures 1,2	1
A	US 6 012 832 A (SORENSEN DENNIS WILLARD ET AL) 11 January 2000 (2000-01-11) column 1, line 64 -column 2, line 42 column 7, line 63 -column 8, line 4 figures 1-4,7	1-38
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## ° Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

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"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&amp;" document member of the same patent family

Date of the actual completion of the international search

7 December 2001

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18. 03. 2002

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## INTERNATIONAL SEARCH REPORT

International Application No

PCT, US 01/11134

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 129 652 A (WILKINSON WILLIAM T) 14 July 1992 (1992-07-14) column 1, line 35,36 column 2, line 66 -column 3, line 5 column 3, line 20 - line 24 column 5, line 34 - line 52 ---	1-38
A	US 5 795 228 A (BEHRENS MARTY ET AL) 18 August 1998 (1998-08-18) column 8, line 58 -column 10, line 34 figure 7 -----	1,16,26, 32,36

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US 01/11134

## Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:  
1-15, 16-25, 36-38,

### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1-15,16-25,36-38

A hand-held game device in a game system

2. Claims: 26-31,32-35

Definition of protocol between hand-held and transaction server

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 01/11134

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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